

Districto Diamantina. May 3, 1931, 5744-5748; May 13, 1931, 5819-5833; May 19, 1931 to May 21, 1931, 5858-5900.

PARAHYBA, BRAZIL

Cabedelo. June 18, 1931, 5905-5906.

PARÁ, BRAZIL

Districto Belém. June 29, 1931, 5907-5913; Aug. 16, 1931, 6064-6065.  
Districto Acará. July 16, 1931 to Aug. 6, 1931, 5914-6063.  
Districto Jurutý. Sept. 2, 1931, 6066.

AMAZONAS, BRAZIL

Ilha das Oncas. Sept. 3, 1931, 6067-6068.  
Rio Solimoes. Sept. 10, 1931, 6069.

DEPARTAMENTO LORETO, PERU

Yurimaguas. Oct. 24, 1931 to Oct. 26, 1931, 6070-6089; Dec. 1, 1931, 6101-6129.

Above Pongo de Manseriche. Nov. 13, 1931 to Nov. 28, 1931, 6132-6184a; Nov. 29, 1931 to Dec. 13, 1931, 6191-6267; Dec. 18, 1931 to Jan. 3, 1932, 6290-6381.

Sierra del Pongo. Nov. 29, 1931, 6185-6189; Dec. 15, 1931, 6268-6289a.  
Below and in Pongo de Manseriche. Jan. 5, 1932, 6382-6383.

Alto Marañon. Jan. 11, 1932, 6384a.

Distrito Iquitos. Jan. 20, 1932 to Jan. 29, 1932, 6385-6475; Feb. 2, 1932, 6476; Feb. 6, 1932 to Feb. 10, 1932, 6477-6518.

Berkeley, California,  
April, 1935.

## A NEW CARDAMINE FROM NORTHERN IDAHO

LEROY E. DETLING

*Cardamine Constancei* sp. nov. Planta glabra, perennis; rhizomate ramoso, diametro 2 mm. vel minus; caule 15-30 cm. alto, erecto, simplice, infere purpurascens; foliis 4-7, plerumque parte media superave caulis approximatis, simplicibus, ovatis, 3-8 vel 10 cm. longis, grosse serratis vel rarius undulatis, petiolatis; racemo pauci-floro; pedicellis 10-17 mm. longis; sepalis 6 mm. longis, margine scarioso; petalis roseis, in sicco purpurascens; pedicellis 10-17 mm. longis, unguiculis laminis fere aequantibus; siliquis maturis ignotis.

Glabrous perennial from a branching rootstock not exceeding 2 mm. in diameter; rhizomal leaves none; flowering stem 15-30 cm. high, erect, unbranched, purplish below; leaves 4-7 in number, mostly crowded together at the middle or upper part of the stem, ovate, 3-8 or 10 cm. long, the margins coarsely serrate or less frequently merely undulate, on petioles 5-20 mm. long; raceme few-flowered; pedicels 10-17 mm. long; sepals 6 mm. long, scarious-margined; petals pink, drying purplish, the blade



PLATE IX. *CARDAMINE CONSTANCEI* DETLING: TYPE SHEET

6-8 mm. wide and 10-12 mm. long, the narrow claw about as long as the blade; mature fruits not seen.

"Humus soil under Abies-Thuja climax, [Canadian Zone], 4 mi. below Lowell, on Three Devils Creek, at Middle Fork of Clearwater River, Selway National Forest, Idaho County, Idaho." *L. Constance, R. Rollins, A. Dimond and C. Worley 1108*, June 2, 1935. Type specimen in the Dudley Herbarium at Stanford University, California; specimen sheet No. 229378.

This species is strikingly different from any other American form of *Cardamine*. In general habit it is very suggestive of certain species of *Dentaria* on account of the extraordinarily large pink flowers and the leaves which are mostly clustered not far below the inflorescence. But the slender rootstock and the total absence of rhizomal leaves must clearly exclude it from the latter genus.

The name is given in appreciation of the efforts of Dr. Lincoln Constance of the State College of Washington in obtaining and forwarding a large number of specimens.

Stanford University,  
July, 1935.

#### NOTES AND NEWS

Under a Fellowship of the John Simon Guggenheim Foundation of New York, Dr. T. H. Goodspeed, Professor of Botany and Director of the Botanic Garden of the University of California at Berkeley, will spend the months from October, 1935 to February, 1936 collecting specimens of *Nicotiana* and related genera in Peru, Chile, Bolivia, and Argentina. Mr. James West of San Rafael accompanies Dr. Goodspeed as collector. At Lima Mrs. Ynes Mexia, now collecting in Ecuador, will join the expedition. Most of the collecting will be done at higher altitudes of the Andes, but it is anticipated that certain members of the expedition will travel six hundred miles south of Santiago de Chile, crossing the Andes in the lake region and continuing through the Patagonian pampas to Buenos Aires. The expedition has been authorized by the regents of the University of California, and has been made possible by the grant from the Guggenheim Foundation, and by the assistance of the Huntington Botanical Garden of San Marino, the Bureau of Plant Introduction at Washington, D. C. and friends of the Botanical Garden.

Contributions to Western Botany Number 18 by Marcus E. Jones has recently been received. This, the closing number of a series begun forty-four years ago in *Zoe*, contains 157 pages of text and many illustrations including portraits of well known botanists. Over one-third of Number 18 is devoted to taxonomic notes. One new genus, *Hutchinsonia* (Compositae), and about